



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date September 11, 2017	EPA Reg. No./File Symbol 33025- _____	Page 1 of 2
Applicant's/Registrant's Name & Address: Lamplight Farms Inc, 4900 North Lilly Road, Menomonee Falls, WI 53051		Product Cleanburn

Ingredient(s): Citronella Oil (PC code 021901)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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PRODUCT CHEMISTRY

880.1100	Product Identity & Composition	50389801	Lamplight Farms Inc. (33025)	OWN	
880.1200	Description of starting materials, production & formulation process used to produce product	50389801	Lamplight Farms Inc. (33025)	OWN	
880.1400	Discussion of formation of impurities	50389801	Lamplight Farms Inc. (33025)	OWN	
830.1700	Preliminary Analysis	50389802	Lamplight Farms Inc. (33025)	OWN	
		48649702	Lamplight Farms Inc. (33025)	OWN	
830.1750	Certified Limits	50389801	Lamplight Farms Inc. (33025)	OWN	
830.1800	Enforcement Analytical Method	50389801	Lamplight Farms Inc. (33025)	OWN	
		48649702	Lamplight Farms Inc. (33025)	OWN	
Physical/Chemical Properties					
830.6302	Color	50389803	Lamplight Farms Inc. (33025)	OWN	
830.6303	Physical State	50389803	Lamplight Farms Inc. (33025)	OWN	
830.6304	Odor	50389803	Lamplight Farms Inc. (33025)	OWN	
830.6315	Flammability	50389803	Lamplight Farms Inc. (33025)	OWN	
830.6319	Miscibility	N/A			Footnote 1
830.6317	Storage stability	50389803	Lamplight Farms Inc. (33025)	OWN	
830.6320	Corrosion characteristics	50389803	Lamplight Farms Inc. (33025)	OWN	
830.7000	pH	50389803	Lamplight Farms Inc. (33025)	OWN	
830.7100	Viscosity	50389803	Lamplight Farms Inc. (33025)	OWN	
830.7300	Density/Relative Density	50389803	Lamplight Farms Inc. (33025)	OWN	

TOXICOLOGY

	Acute Toxicity Summary	50389804	Lamplight Farms Inc. (33025)	OWN	
870.1100	Acute Oral Toxicity	50389805	Lamplight Farms Inc. (33025)	OWN	
		50389808	Lamplight Farms Inc. (33025)	OWN	
870.1200	Acute Dermal Toxicity	50389811	Lamplight Farms Inc. (33025)	OWN	Waiver
870.1300	Acute Inhalation Toxicity	50389811	Lamplight Farms Inc. (33025)	OWN	Waiver

Signature :

Georgia Anastasiou

Name and Title:

Georgia Anastasiou Agent for Lamplight Farms, Inc

Date

Sept. 11, 2017



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DATA MATRIX

Date September 11, 2017		EPA Reg. No./File Symbol 33025-_____		Page 2 of 2	
Applicant's/Registrant's Name & Address: Lamplight Farms Inc, 4900 North Lilly Road, Menomonee Falls, WI 53051		Product Cleanburn			
Ingredient(s): Citronella Oil (PC code 021901)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2400	Primary Eye Irritation	50389806 50389809	Lamplight Farms Inc. (33025) Lamplight Farms Inc. (33025)	OWN OWN	
870.2500	Primary Dermal Irritation	50389807 50389810	Lamplight Farms Inc. (33025) Lamplight Farms Inc. (33025)	OWN OWN	
870.2600	Skin Sensitization	50389811	Lamplight Farms Inc. (33025)	OWN	Waiver
EFFICACY					
	Product Performance	CITE-ALL	See-Attached List	PAY	

FOOTNOTES

1. A miscibility study is not applicable since the subject product is not diluted with petroleum distillates.

Signature : 	Name and Title: Georgia Anastasiou Agent for Lamplight Farms, Inc	Date Sept. 11, 2017
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DATA MATRIX FOR ACTIVE INGREDIENT

Date September 11, 2017	EPA Reg. No./File Symbol 33025-XX	Page 1 of 3
Applicant's/Registrant's Name & Address: Lamplight Farms Inc, 4900 North Lilly Road, Menomonee Falls, WI 53051		Product CLEANBURN

Ingredient(s): **Oil of citronella (PC code 021901)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Chemistry					
880.1100	Product Identity & Composition	48649701	Lamplight Farms (33025)		
880.1200	Description of starting materials, production & formulation process used to produce product	48649701	Lamplight Farms (33025)		
880.1400	Discussion of formation of impurities	48649701	Lamplight Farms (33025)		
830.1700	Preliminary analysis	48649702	Lamplight Farms (33025)		
830.1750	Certified Limits	41785703	Candle Corp (009201)	OLD	(1)
830.1800	Enforcement analytical method	48649702	Lamplight Farms (33025)		
830.6302	Color	41785703	Candle Corp (009201)	OLD	(1)
830.6303	Physical State	41785703	Candle Corp (009201)	OLD	(1)
830.6304	Odor	41785703	Candle Corp (009201)	OLD	(1)
830.6313	Stability	41785703	Candle Corp (009201)	OLD	(1)
830.6315	Flammability	41785703	Candle Corp (009201)	OLD	(1)
830.6317	Storage Stability	41785703	Candle Corp (009201)	OLD	(1)
830.6319	Miscibility	41785703	Candle Corp (009201)	OLD	(1)
830.6320	Corrosion Characteristics	41785703	Candle Corp (009201)	OLD	(1)
830.7000	pH	41785703	Candle Corp (009201)	OLD	(1)
830.7100	Viscosity	41785703	Candle Corp (009201)	OLD	(1)
830.7200	Melting point	41785703	Candle Corp (009201)	OLD	(1)
830.7220	Boiling point	41785703	Candle Corp (009201)	OLD	(1)
830.7300	Density	41785703	Candle Corp (009201)	OLD	(1)
830.7520	Particle Size	N/A			(2)
830.7550-830.7570	Partition coefficient	N/A			(3)
830.7840	Water solubility	41785703	Candle Corp (009201)	OLD	(1)
830.7950	Vapor Pressure	41785703	Candle Corp (009201)	OLD	(1)

Signature

Georgia Anastasiou

Name and Title:

Georgia Anastasiou, Agent for Lamplight Farms Inc.

Date

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Date September 11, 2017	EPA Reg. No./File Symbol 33025-XX	Page 2 of 3			
Applicant's/Registrant's Name & Address: Lamplight Farms Inc, 4900 North Lilly Road, Menomonee Falls, WI 53051		Product CLEANBURN			
Ingredient(s): Oil of citronella (PC code 021901)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

TOXICOLOGY

152B-10	Acute Oral Toxicity	41747402 43179401	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
152B-11	Acute Dermal Toxicity	41747403 43167101	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
152B-12	Acute Inhalation Toxicity	41747404 43167102	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
152B-13	Primary Eye Irritation	41747405 43167103	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
152B-14	Primary Dermal Irritation	41747406 43167104	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
152B-15	Dermal Sensitization	41747407 43167105	Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	(1) (1)
152B-16	Hypersensitivity				Not Applicable
152B-17	Microbial mutagenicity	41786701 41785702 41747408	Citronella Joint Venture (67736) Citronella Joint Venture (67736) Candle Corp (009201)	OLD OLD OLD	(1)
152B-18	Immunotoxicity	-		-	Waived (4)
152B-20	90-Day oral toxicity	-		-	Waived (4)
152B-21	90-Day dermal toxicity	-		-	Waived (4)
152B-23	Developmental Toxicity	-		-	Waived (4)

Signature <i>Georgia Anastasiou</i>	Name and Title: Georgia Anastasiou, Agent for Lamplight Farms Inc.	Date Sept. 11, 2017
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Ingredient(s): Oil of citronella (PC code 021901)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	
			Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	
			Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	
			Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	
			Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	
			Candle Corp (009201) Citronella Joint Venture (67736)	OLD OLD	
			Citronella Joint Venture (67736) Citronella Joint Venture (67736) Candle Corp (009201)	OLD OLD OLD	
				-	
				-	
				-	
				-	

Signature

Georgia Anastasiou

Name and Title:

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Ingredient(s): Oil of citronella (PC code 021901)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Candle Corp (009201)	OLD	(1)
				-	Waived (4)
			Candle Corp (009201)	OLD	(1)
			Candle Corp (009201)	OLD	(1)
					Waived (4)
				-	Waived (4)
				-	Waived (4)

Signature

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Ingredient(s): Oil of citronella (PC code 021901)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
ECOLOGICAL EFFECTS					
154B-6	Acute Avian Oral	41747409	Candle Corp (009201)	OLD	(1)
154B-7	Avian Subacute Dietary Toxicity	-		-	Waived (4)
154B-8	Fish toxicity	41747410	Candle Corp (009201)	OLD	(1)
154B-9	Invertebrate Toxicity	41747411	Candle Corp (009201)	OLD	(1)
154B-10	Nontarget plants	-			Waived (4)
154B-11	Nontarget insects	-		-	Waived (4)
ENVIRONMENTAL FATE					
	ALL	-		-	Waived (4)

FOOTNOTES

1. Per pages 27-28 of the Oil of Citronella RED, these generic data requirements have been fulfilled.
2. The dissociation constant data requirement is not applicable since citronella does not have any dissociable groups.
3. The partition coefficient data requirement is not applicable since citronella is not a non-polar organic substance.
4. Per pages 28-29 of the Oil of Citronella RED, these generic data requirements have been waived.

Signature <i>Georgia Anastasiou</i>	Name and Title: Georgia Anastasiou, Agent for Lamplight Farms Inc.	Date Sept. 11, 2017
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